

Health and Medical Sciences Education

Equipment Resource Guide

Commonwealth of Virginia
Department of Education
Office of Career and Technical Education Services

July 1, 2005

EQUIPMENT AND WORK STATION

DEFINITIONS AND CLARIFICATIONS

DEFINITIONS

- A. "Equipment" means any instrument, machine, apparatus, or set of articles that meets all of the following criteria:
1. It retains its original shape, appearance, and character with use;
 2. It does not lose its identity through fabrication or incorporation into a different or more complex unit or substance;
 3. It is non-expendable;
 4. Under normal use, it can be expected to serve its principal purpose for at least one year; and
 5. Excludes supplies and materials as defined by the Virginia Department of Planning and Budget's Expenditure Structure, Part II.A 1300, Supplies and Materials, May, 2000.
- B. "Work station" means an area in a classroom/laboratory that includes the necessary environment, instructional and consumable materials and equipment to enable each student to accomplish competencies within a career and technical education course.

CLARIFICATIONS

- C. Students who use computers as the primary device for classroom or laboratory instruction should have access to such equipment on a one-to-one ratio.
- D. Software and/or courseware should be networked or installed on each individual computer.
- E. Use of tool kits/sets for classroom/laboratory use should be provided on a one-to-one ratio.
- F. Equipment, including tool kits/sets used for individual or group instruction should be provided in sufficient numbers to ensure that each student has the opportunity to obtain the essential competencies within an allowed instructional time frame.
- G. "Modular Laboratory" means an environment that is organized such that students rotate among content modules in which all of the instructional materials and equipment are provided, requiring minimal assistance or instruction from the teacher. Modular equipment is usually designed for a maximum of two students per work station.

Health and Medical Sciences Education

Equipment List Abbreviations

HAMS	Health & Medical Sciences Education
IHO	Introduction to Health Occupation
DA	Dental Assistant
EMT	Emergency Medical Technician
HCC	Health Care Cluster
MA	Medical Assistant
NA	Nurses Assistant
PN	Practical Nursing
ST	Surgical Technician
VA	Veterinarian Assistant

2005 Health and Medical Sciences Education Equipment Resource Guide

Page No. 1

07/01/05

Equipment Name	HAMS	IHO	DA	EMT	HCC	MA	NA	PN	PT	ST	VA
1 ACCUCHECK	X	X	X	X	X	X	X	X	X	X	X
2 ACCU-CHECK	X	X	X	X	X	X	X	X	X	X	X
3 ACE BANDAGES	X	X	X	X	X	X	X	X	X	X	X
4 ACUPRESSURE	X	X	X	X	X	X	X	X	X	X	X
5 ACUPUNCTURE TEACHING MODELS 954001	X	X	X	X	X	X	X	X	X	X	X
6 ACUPUNCTURE TEACHING MODELS 954002	X	X	X	X	X	X	X	X	X	X	X
7 ADMISSION KIT	X	X	X	X	X	X	X	X	X	X	X
8 AIRMATTRESS ALTERNATING PRESSURE	X	X	X	X	X	X	X	X	X	X	X
9 AIRWAY	X	X	X	X	X	X	X	X	X	X	X
10 ALCOHOL & ALCOHOL PREP PADS	X	X	X	X	X	X	X	X	X	X	X
11 ALLIED HEALTH EDUCATION DIRECTORY BY AMAX	X	X	X	X	X	X	X	X	X	X	X
12 ALLIS FORCEPS					X	X	X	X			X
13 ANALYZER (HAND HELD BODY FAT ANALYZER)	X	X	X	X	X	X	X	X		X	X
14 ANATOMICAL AND COMPLIMENTARY 550980	X	X	X	X	X	X	X	X		X	X
15 ANATOMICAL CHARTS FLOOR MODEL		X		X	X	X	X	X		X	X
16 ANATOMICAL CHARTS WALL MOUNT		X		X		X		X		X	X
17 ANATOMICAL MODELS	X	X	X	X	X	X	X	X		X	X
18 AQUA K PADS				X							X
19 AQUAMADIC PAD FOR HEAT THERAPY	X	X	X	X	X	X	X	X			
20 ARTICULATED HUMAN BONE SKELETON (HANGING)	X	X	X	X	X	X	X	X		X	X
21 ASEPTO SYRINGE	X	X	X	X	X	X	X	X		X	X
22 AUDIOMETER	X	X	X	X	X	X	X	X		X	X
23 AUTOCLAVE	X	X	X	X	X	X	X	X		X	X
24 AUTOMATED EXTERNAL DEFIBRILLATOR	X	X	X	X	X	X	X	X		X	X
25 BANDAGE SCISSORS	X	X	X	X	X	X	X	X		X	X
26 BANDAGE-NONSTERILE 3"X75, 2"X68	X	X	X	X	X	X	X	X		X	X
27 BANDAGES TRIANGULAR	X	X	X	X	X	X	X	X		X	X
28 BATH BASINS, SOAP DISHES		X			X	X	X				X
29 BATH THERMOMETER	X	X	X	X	X	X	X	X		X	X
30 BEDPANS, REGULAR, FRACTURE		X	X		X	X	X				X
31 BEDSIDE CABINET		X	X	X	X	X	X	X		X	X
32 BEDSIDE COMMUNE				X							X
33 BEDSORE CLEANING AND DRESSING MODELS		X		X	X	X	X	X		X	X
34 BEDTAGE HOLDERS & PATIENT IDENTIFICATION		X			X	X	X	X		X	X
35 BEVERAGE CART				X	X	X	X	X		X	X
36 BEVERAGE CONTAINERS					X	X	X	X			X
37 BINDERS, ABDOMINAL, T, ETC.				X	X	X	X	X		X	X
38 BIOLOGICAL TRAINING MODELS					X	X	X	X			

2005 Health and Medical Sciences Education Equipment Resource Guide

Page No. 2

07/01/05

Equipment Name	HAMS	IHO	DA	EMT	HCC	MA	NA	PN	PT	ST	VA
39 BLOOD & URINE CONTAINERS				X	X	X	X	X		X	X
40 BRACES (AS RECOMMENDED BY THERAPIST)				X	X	X	X	X		X	X
41 BRAIN MOLDS				X	X	X	X	X		X	
42 BULLETIN BOARD				X	X	X	X	X		X	X
43 CABINETS & SHELVES	X	X		X	X	X	X	X			X
44 CAM CORDER	X	X		X	X	X	X	X			X
45 CANES (VARIOUS TYPES USED BY THERAPIST)			X	X							X
46 CANINE JAWS WITHH PATHOLOGIES					X	X	X	X			
47 CANINE MUSCULAR ANATOMY		X	X		X	X	X	X			
48 CANISTERS		X	X	X	X	X	X	X			X
49 CANNULA NASAL ADULTS			X								X
50 CASPER THE CPR DOG	X	X	X	X	X	X	X	X		X	X
51 CATHETERS		X		X	X	X	X	X			X
52 CAUTERIZATION		X	X	X	X	X	X	X			X
53 CENTRIFUGE (ADAMS COMPACT MICROHEAT)				X	X	X	X	X			X
54 CENTRIFUGE (MICROHEAT)					X	X	X	X			X
55 CHARCOAL (ACTIDOSE)		X			X	X					X
56 CHART FORMS	X	X	X	X	X	X	X	X			X
57 CHART HOLDERS & STAND				X							X
58 CHATTANOOGA HYDROCOLLATOR HEATING UNIT			X	X	X	X	X	X			X
59 CHOLESTEROL CONTROL TEACHING	X	X	X	X	X	X	X	X		X	X
60 CLINITEST SETUP					X	X	X	X			X
61 CLIPPERS (ELECTRIC)				X	X	X	X	X			X
62 CLOCK (24 HOUR CLOCK)											X
63 COLOSTOMY IRRIGATION					X	X	X	X			X
64 COMPLETE WATER/FOOD SETUP FOR											X
65 COMPUTER, PRINTER, SOFTWARE	X	X	X	X	X	X	X	X		X	X
66 COPY MACHINE	X	X	X	X	X	X	X	X		X	X
67 CPR EQUIPMENT:											
020603 NON-RE-BREATHING ADULT MASK				X	X	X	X				X
260207 STIFFNECK BAG					X						X
262090 STIFFNECK COLLARS (COMPLETE SET)					X						
411058 NON-RE-BREATHING CHILD MASK					X						
411100 NASAL CANNULA ADULT					X						
530200 ADULT SPUR RESERVOIR & MASK					X						
530250 INFANT SPUR					X						X
533002 CHILD SPUR RESERVOIR & MASK					X						X
66001M EMERGENCY BLANKET					X						X
66050 COT PILLOW					X						X

2005 Health and Medical Sciences Education Equipment Resource Guide

Page No. 3
07/01/05

Equipment Name	HAMS	IHO	DA	EMT	HCC	MA	NA	PN	PT	ST	VA
AE-1030 HEAD IMMOBILIZER											
AE-1050 KED EXTRICATION						X					X
AE-110 MOBILE TRANSPORTATION MJLTI-LEVEL COT						X					X
AE-1115 SAGER FORMIII BILATERAL SPLINTS						X					X
AE-1744 AIR SPLINT KIT						X					X
AE-18—PROSPLINTS COMPLETE ADULT KIT						X					X
AE-2000 ECONOMY EMERGENCY SCISSORS						X					X
AE-202 STAIR CHAIR						X					X
AE-275 ADULT TRACTION SPLINT						X					X
AE-533P SHORT BOARD WITH PINS AND RUNNERS						X					X
AE-540 LONG BOARD WITH RUNNERS						X					X
AE-544 BOARD LOC WITH CASE						X					X
AE-649 LONG SPEED CLIP BACKBOARD STRAPS						X					X
AED TRAINER WITH DEFIB PADS						X					X
AIRWAY MANAGEMENT/TRAINER MOUNTED ON STAND						X					X
BABY AIRWAY						X					X
BABY ANNE W/SOFT PACK						X					X
BECKETMASK W/FILTER & WOW VALVE						X					X
BERMAN AIRWAYS						X					X
BITE STICK						X					X
CHILD SPHYGOMOMANOMETERS						X					X
COMBITUBE						X					X
DEMAND VALVE						X					X
DUAL TRAINING STETHOSCOPE						X					X
E-300 SCOOP STRETCHER						X					X
EM-600 PADDED BOARD SPLINTS						X					X
EM-620-LADDER SPLINT S						X					X
EM—800 RING CUTTER						X					X
EM-810 WINDOW PUNCH						X					X
FACE MASKS 6 FOR BABY						X					X
FACE SHIELDS						X					X
FIRST RESPONSE COMBINATION KIT						X					X
LITTLE ANNIE						X					X
LITTLE ANNIE AIRWAYS						X					X
NASOPHARYNGEAL AIRWAY						X					X
NEW CHILD MANAKIN						X					X
OBESE SPHYGOMOMANOMETERS						X					X
						X					X

2005 Health and Medical Sciences Education Equipment Resource Guide

Page No. 5
07/01/05

Equipment Name	HAMS	IHO	DA	EMT	HCC	MA	NA	PN	PT	ST	VA
96 FIRST AID KIT			X	X	X	X	X	X	X	X	X
97 FLASHLIGHT & BATTERIES			X	X	X	X	X	X	X	X	X
98 FLUID SHIELD W/MARKS/HEPA-TECH RESPIRATOR MASK-I			X	X	X	X	X	X		X	X
99 FOOT BOARD, BED CRADLE				X	X	X		X		X	X
100 FOOT BOARD, BED CRADLE				X	X	X		X		X	X
101 FOOT STOOLS				X	X	X		X		X	X
102 FORCEPS, UTILITY & OTHERS			X	X	X	X	X	X		X	X
103 FRACTURE PAN				X	X	X	X	X		X	X
104 FUNNEL	X	X	X	X	X	X	X	X		X	X
105 GAIT BELT/TRANSFER			X								
106 GASTRIC TUBE				X	X	X	X	X		X	X
107 GAUZE (JOHNSON & JOHNSON) STERILE – VASELINE OCCLUSIVE				X							X
108 GAUZE SPONGES 4X4 NON-STERILE			X								
109 GIANT MR. GROSS MOUTH (may be used for dental programs)				X	X		X	X		X	X
110 GLOVES FOR DEMONSTRATION Small/Med/Large/X-Large				X	X		X	X		X	X
111 GLUCOSE GEL				X	X	X	X	X		X	X
112 GOOSENECK EXAMINATION LAMP				X	X	X	X	X		X	X
113 GOWNS FOR EXAMINATION				X	X	X	X	X		X	X
114 GRADUATES			X								
115 GROUP BDE MODELS				X	X	X	X	X		X	X
116 HAND MOLDS				X							
117 HANDBOOK OF ALTERNATIVE MEDICINE					X	X	X	X			
118 HEART MOLDS											X
119 HEEL/ELBOW PROTECTORS-PAIR			X								
120 HIP ABDUCTION KIT			X								
121 HOSA: BANNER/EQUIPMENT SUPPLIES-BALFOUR			X	X	X	X	X	X		X	X
122 HYDROCOLLATOR HOT PAC - 3-MED SIZE											
123 I.V. STANDARD FOR COMPLETE BED UNIT				X	X	X		X		X	X
124 ICE CAP, COLLAR				X	X	X	X	X		X	X
125 INDEX GUIDE OF ACCUPOINTS - QDEX					X	X	X	X			
126 INDIVIDUAL LEARNING PACKETS &/OR MODELS	X	X	X	X	X	X	X	X		X	X
127 INDIVIDUAL PACKETS AND/OR SOFTWARE PKG.					X	X	X	X		X	X
128 INFANT CRIB				X	X		X	X		X	X
129 INFANT SCALE	X	X	X	X	X	X	X	X		X	X
130 INSTRUMENT TRAY, DENTAL/MEDICAL/LAB)	X	X	X	X	X	X	X	X		X	X

2005 Health and Medical Sciences Education Equipment Resource Guide

Page No. 6

07/01/05

Equipment Name	HAMS	IHO	DA	EMT	HCC	MA	NA	PN	PT	ST	VA
131 INTRAMUSCULAR INJECTION							X	X			X
132 INTRAVENOUS ARM							X	X			X
133 INTRAVENOUS INJECTION MODEL					X	X	X	X			X
134 IRRIGATION BAGS	X	X	X	X	X	X	X	X		X	X
135 IRRIGATION SETS	X	X	X	X	X	X	X	X		X	X
136 ISOLATION EQUIP. (UNIVERSAL PRECAUTION)					X	X	X	X			X
137 KARDEX								X			x
138 KARDEX, PATIENT ACCOUNT BOOKS			X	X	X	X	X	X		X	X
139 KELLY CLAMP					X	X	X	X			X
140 KENNEL ASSEMBLY (stainless steel)							X	X			X
141 KNIFE HANDLE & BLADES			X		X	X					X
142 LABOR AND DELIVERY			X	X	X	X	X	X		X	X
143 LAUNDRY HAMPER & CANVAS BAG											X
144 LIBRARY, PROGRAM			X	X	X	X				X	X
145 LINENS-COMplete FULL PATIENT CARE UNIT					X	X		X		X	x
146 LUNG (REPLACEABLE)		X	X	X	X	X	X	X		X	X
147 LUNGS MODEL		X			X	X	X	X			X
148 MAGAZINE RACK				X		X	X	X		X	X
149 MANIKIN (male and female)					X	X	X	X			x
150 MARKER CLIP - LEFT/RIGHT	X	X	X	X	X	X	X	X		X	X
151 MASSAGE CONNECTION ANATOMY - 073018					X	X	X	X			
152 MAYO STAND			X	X	X	X				X	X
153 MEASURING CONTAINERS, METRIC		X	X	X	X	X	X	X		X	X
154 MEASURING GRADUATES	X	X	X	X	X	X	X	X		X	X
155 MEASURING BEDPAN (TOILET HAT)			X								
156 MEDICINE CART		X			X	X	X	X			
157 MEDICINE CUPS & TRAYS	X	X	X	X	X	X	X	X		X	X
158 MEDICINE DROPPER	X	X	X	X	X	X	X	X		X	
159 METRIC CHARTS	X	X	X	X	X	X	X	X		X	X
160 MICROSCOPE					X	X	X	X			X
	X	X	X	X	X	X	X	X		X	X
		X			X	X					X
			X		X	X	X	X			X
					X	X		X			X
					X	X	X	X			X
					X	X	X	X			X

2005 Health and Medical Sciences Education Equipment Resource Guide

Page No. 7

07/01/05

[illegible]

2005 Health and Medical Sciences Education Equipment Resource Guide

Page No. 8

07/01/05

Equipment Name	HAMS	IHO	DA	EMT	HCC	MA	NA	PN	PT	ST	VA
NEEDLES AND SYRINGES									X		
OINTMENT PAPER									X		
SAFETY GLASSES & LAB COATS									X		
SCALES-ELECTRONIC									X		
SPATULAS AND COUNTING TRAYS									X		
TAPES, VIDEOS, SLIDE SHOWS, ETC.									X		
TEXTBOOKS (MORTON PUBLISHING-3 BOOKS ISBN 0-89582-637-2									X		
VIALS									X		
WEIGHING BOATS									X		
179 PLASTIC TAPE - 1"			X								
180 PROTECTIVE APRONETTE	X	X	X	X	X	X	X	X	X	X	X
181 RAZORS, SAFETY			X								
182 RECTAL THERMOMETERS	X	X	X	X	X	X	X	X	X	X	X
183 REFLEXOLOGY - GH 120	X	X	X	X	X	X	X	X	X	X	X
184 REFLEXOLOGY CHART	X	X	X	X	X	X	X	X	X	X	X
185 REFLEXOLOGY CHART HAND	X	X	X	X	X	X	X	X	X	X	X
186 RECTAL TUBES											X
187 REFRACTOMETER (Shuco)		X			X	X	X	X			X
188 REFRIGERATOR		X			X	X	X	X			X
189 REPTILE INCUBATION CASE	X	X	X	X	X	X	X	X		X	X
190 REQUISITIONS/SAMPLE BILLING & OTHER FORMS		X	X		X	X	X	X			X
191 RESTRAINTS - PATIENT, VEST, SOFT BELT, SOFT			X		X	X	X	X			X
192 RESUSCITATION EQUIPMENT AIRWAY, ETC.		X	X		X	X	X	X			X
193 RESUSCITATION ADULT, INFANT, CHILDREN		X		X	X	X	X	X		X	X
194 SAFETY GLASSES		X	X	X	X	X	X	X		X	X
195 SANDBAGS	X	X	X	X	X	X	X	X		X	X
196 SCALES, STANDUP, INFANT				X							X
197 SCREEN (FOR VISUALS)					X	X	X	X			X
198 SCULPTURE BINDER					X	X	X	X			X
199 SETS OF DENTAL INSTRUMENTS			X		X	X	X	X			X
200 SHAVING CREAM - INDIVIDUAL SIZE			X								
201 SHEET SILVER SWADDLE INFANT	X	X	X	X	X	X	X	X		X	X
202 SIMULATION CASUALTY KIT MOULAGE KIT			X		X	X					X
203 SOAP DISHES				X							X
204 SOLUTION BOWLS				X							X
205 SPECIMEN CONTAINERS			X		X	X	X	X		X	X
206 SPECULUMS			X	X	X	X	X	X		X	X
207 SPLINTS				X	X	X	X	X		X	X

2005 Health and Medical Sciences Education Equipment Resource Guide

Page No. 9

07/01/05

Equipment Name	HAMS	IHO	DA	EMT	HCC	MA	NA	PN	PT	ST	VA
201 SHEET SILVER SWADDLE INFANT	X	X	X	X	X	X	X	X		X	X
202 SIMULATION CASUALTY KIT MOULAGE KIT			X		X	X					X
203 SOAP DISHES				X							X
204 SOLUTION BOWLS				X							X
205 SPECIMEN CONTAINERS			X		X	X	X	X		X	X
206 SPECULUMS			X	X	X	X	X	X		X	X
207 SPLINTS				X	X	X	X	X		X	X
208 SPONGES – NONSTERILE GAUGE 4X4				X	X	X	X	X		X	X
209 SPYGOMANOMETERS	X	X			X	X	X	X			X
210 STAGES OF FETAL DEVELOPMENT				X							X
211 STAINLESS STEEL IRRIGATING CAN	X	X	X	X	X	X	X	X		X	X
212 STANDARD MODEL					X	X	X	X			
213 STETHOSCOPES, SINGLE, DUAL		X			X	X	X	X			X
214 STOCKINGS: ANTIEMBOLISM (TED HOSE) KNEE HIGH					X	X	X	X			X
215 STOPWATCH					X	X	X	X			X
216 STRAINER			X								
217 STRETCHER & BELT		X	X	X	X	X	X	X		X	X
218 SUCTION CATHETER											X
219 SUCTION MACHINE		X		X	X	X	X	X		X	X
220 SURGICAL MASK, CAPS, GOWNS AND GLOVES		X		X	X	X	X	X		X	
221 SURGICAL NEEDLES AND NEEDLE HOLDER		X		X	X	X	X	X		X	
222 SUTURE REMOVAL SET			X		X	X	X	X			X
223 SUTURE SET		X	X	X	X	X	X	X		X	X
224 SYRINGES I.E. BULB, ASEPTO, MEDICATION		X	X	X	X	X	X	X		X	X
225 TAPE MEASURE		X	X	X	X	X	X	X		X	X
226 TAPE, DERMICAL CLOTH 1"X10YD & ½"X10YD		X	X	X	X	X	X	X		X	X
227 TB TESTING ARM SET				X							X
228 TEACHING MANIKIN, MALE, FEMALE & INFANT		X	X	X	X	X	X	X		X	X
229 TELEPHONES		X	X	X	X	X	X	X		X	X
230 TELEVISION					X	X	X	X			X

2005 Health and Medical Sciences Education Equipment Resource Guide

Page No. 10

07/01/05

Equipment Name	HAMS	IHO	DA	EMT	HCC	MA	NA	PN	PT	ST	VA
231 TEST TUBES & RACK			X								X
232 TEXAS CATHETER	X	X	X	X	X	X	X	X		X	X
233 TONGUE DEPRESSORS - non-sterile			X								
234 TUB (w/backsplash; faucet; wall mount; grill)		X	X		X	X	X	X			X
235 ULTRASONIC CLEANER		X		X	X	X	X	X		X	X
236 URETHRAL CATHETER	X	X	X	X	X	X	X	X		X	X
237 URINALS	X	X	X	X	X	X	X	X		X	X
238 UTILITY CARTS		X		X	X	X	X	X		X	X
239 VAGINA DOUCHE KIT		X		X	X	X	X	X		X	X
240 VAPORIZER		X	X	X	X	X	X	X		X	X
241 VIDEO PROGRAMS & TAPES		X		X	X	X	X	X		X	X
242 VIDEO TAPE PLAYER (VCR)				X	X	X	X				X
243 WALK ON SCALES	X	X	X			X	X	X		X	X
244 WALKER	X	X	X	X	X	X	X	X		X	X
245 WALL CLOCK WITH BIG SECOND HAND			X		X	X	X	X			X
246 WASHING MACHINE					X	X	X	X			X
247 WHEELCHAIR		X	X	X	X	X	X	X		X	X
248 X-RAY ILLUMINATOR - 2 BANK LIGHT		X	X	X	X	X	X	X		X	X
249 X-RAY IN USE SIGN			X	X	X	X	X	X		X	
250 X-RAY VIEW BOX, DENTAL & MEDICAL ITEMS		X	X	X	X	X		X		X	X